

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Changming Liu et al.

Application No.: 09/658,424

Filed: September 8, 2000

For: GUARANTEED BANDWIDTH  
SHARING IN A TRAFFIC  
SHAPING SYSTEM



Group Art Unit: 2143

Examiner: D. England

**LETTER RE POWER OF ATTORNEY  
AND STATEMENT UNDER 37 C.F.R. 3.73(b)**

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Sir:

Submitted herewith is a Power of Attorney, Exhibit A to Power of Attorney, and Statement under 37 C.F.R. 3.73(b) for the above-identified patent application.

The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By: 

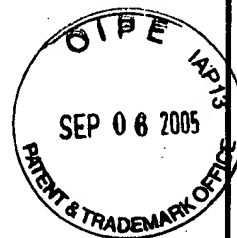
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Customer Number: 44987

Date: February 2, 2005

**STATEMENT UNDER 37 CFR 3.73(b)**



Applicant/Patent Owner: Changming Liu et al.

Application No./Patent No.: 09/658,424

Filed/Issue Date: September 8, 2000

Entitled: GUARANTEED BANDWIDTH SHARING IN A TRAFFIC SHAPING SYSTEM

Juniper Networks, Inc., a corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, etc.)

states that it is:

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2. ☐ an assignee of less than the entire right, title and interest.  
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in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Changming Liu et al. To: NetScreen Technologies, Inc.  
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

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[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

February 2, 2005  
Date

Paul A. Harrity  
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Signature

Attorney for Assignee  
Title



PTO/SB/81 (11-04)

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**POWER OF ATTORNEY  
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INDICATION FORM**

Application Number	Attachment: EXHIBIT A
Filing Date	
First Named Inventor	
Title	
Art Unit	
Examiner Name	
Attorney Docket Number	

I hereby revoke all previous powers of attorney given in the above-identified application.

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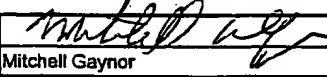
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☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature		Date	1/13/05
Name	Mitchell Gaynor	Telephone	(408) 745-2384
Title and Company	Vice President, Juniper Networks, Inc.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# EXHIBIT A TO POWER OF ATTORNEY

H&S Ref. No.	Juniper Ref. No.	Serial No.	Filing Date
0023-0001	JNP-0021	09/706,752	11/7 /2000
0023-0003	JNP-0023	09/749,585	12/28/2000
0023-0004	JNP-0024	09/751,841	1 /2 /2001
0023-0008	JNP-0035	09/859,581	5 /18/2001
0023-0009	JNP-0037	09/879,176	6 /13/2001
0023-0010	JNP-0038	10/358,274	2 /5 /2003
0023-0012	JNP-0040	09/745,743	12/26/2000
0023-0014	JNP-0068	09/751,454	1 /2 /2001
0023-0016	JNP-0045	09/716,352	11/21/2000
0023-0020	JNP-0057	09/751,449	1 /2 /2001
0023-0026	JNP-0055	09/752,828	1 /3 /2001
0023-0027	JNP-0069	09/752,827	1 /3 /2001
0023-0029	JNP-0075	10/417,196	4 /17/2003
0023-0030	JNP-0067	09/942,630	8 /31/2001
0023-0032	JNP-0065	09/985,683	11/5 /2001
0023-0033	JNP-0064	09/942,625	8 /31/2001
0023-0035	JNP-0062	09/984,315	10/29/2001
0023-0036	JNP-0080	09/895,218	7 /2 /2001
0023-0037	JNP-0089	09/795,454	3 /1 /2001
0023-0038	JNP-0088	09/905,068	7 /16/2001
0023-0039	JNP-0086	09/931,045	8 /17/2001
0023-0040	JNP-0084	09/966,094	10/1 /2001
0023-0041	JNP-0087	09/955,122	9 /19/2001
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0023-0046	JNP-0059	10/206,997	7 /30/2002
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0023-0049	JNP-0113	10/050,106	1 /18/2002
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H&S Ref. No.	Juniper Ref. No.	Serial No.	Filing Date
0023-0052	JNP-0102	10/087,826	3 /5 /2002
0023-0053	JNP-0108	10/120,380	4 /12/2002
0023-0054	JNP-0114	10/152,006	5 /22/2002
0023-0055	JNP-0118	10/062,424	2 /5 /2002
0023-0056	JNP-0123	09/985,676	11/5 /2001
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0023-0058	JNP-0076	10/207,006	7 /30/2002
0023-0059	JNP-0116	10/092,532	3 /8 /2002
0023-0060	JNP-0115	10/208,008	7 /31/2002
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0023-0062	JNP-0127	10/024,553	12/21/2001
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0023-0065	JNP-0130	10/102,932	3 /22/2002
0023-0066	JNP-0131	10/102,961	3 /22/2002
0023-0067	JNP-0132	10/102,931	3 /22/2002
0023-0068	JNP-0133	10/102,933	3 /22/2002
0023-0069	JNP-0134	10/102,958	3 /22/2002
0023-0070	JNP-0090	10/120,443	4 /12/2002
0023-0071	JNP-0077	10/206,998	7 /30/2002
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0023-0077	JNP-0117	10/192,859	7 /11/2002
0023-0078	JNP-0122	10/098,493	3 /18/2002
0023-0079	JNP-0310	10/419,798	4 /22/2003
0023-0080	JNP-0136	10/058,142	1 /29/2002
0023-0081	JNP-0149	10/128,255	4 /24/2002
0023-0082	JNP-0150	10/120,610	4 /12/2002
0023-0083	JNP-0151	10/092,509	3 /8 /2002
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0023-0090	JNP-0205	10/197,484	7 /18/2002
0023-0091	JNP-0177	10/241,478	9 /12/2002
0023-0092	JNP-0160	10/241,759	9 /12/2002
0023-0093	JNP-0210	10/219,819	8 /16/2002
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0023-0095	JNP-0214	10/355,243	1 /31/2003
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0023-0098	JNP-0202	10/283,216	10/30/2002
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0023-0100	JNP-0178	10/223,328	8 /20/2002
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0023-0103	JNP-0222	10/227,835	8 /27/2002
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0023-0106	JNP-0225	10/355,239	1 /31/2003
0023-0107	JNP-0224	10/378,858	3 /5 /2003
0023-0108	JNP-0227	10/355,244	1 /31/2003
0023-0109	JNP-0212	10/378,868	3 /5 /2003
0023-0110	JNP-0165	10/374,712	2 /27/2003
0023-0111	JNP-0232	10/310,778	12/6 /2002
0023-0112	JNP-0235	10/338,678	1 /9 /2003
0023-0114	JNP-0238	09/237,128	1 /25/1999
0023-0115	JNP-0240	09/336,090	6 /18/1999
0023-0116CON1	JNP-0004-01	10/081,048	2 /20/2002
0023-0118	JNP-0007	09/354,640	7 /15/1999
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0023-0123DIV1	JNP-0242.01	10/665,349	9 /22/2003
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0023-0173	JNP-0247	10/887,081	7 /9 /2004
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0023-0194	JNP-0377	10/934,558	9 /7 /2004
0023-0195	JNP-0379	10/917,338	8 /13/2004
0023-0196CON1	JNP-0351.01	10/765,677	1 /26/2004
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0023-0202	JNP-0354	09/967,893	9 /27/2001
0023-0203	JNP-0355	10/112,924	3 /28/2002
0023-0204	JNP-0356	09/967,878	9 /28/2001
0023-0205CON1	JNP-0357.01	10/893,283	7 /19/2004



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0023-0210	JNP-0361	10/961,075	10/12/2004
0023-0211	JNP-0362	10/976,311	10/29/2004
0023-0212	JNP-0363	10/976,026	10/29/2004
0023-0214	JNP-0365	10/765,676	1 /26/2004
0023-0215	JNP-0366	10/456,354	6 /5 /2003
0023-0216	JNP-0367	09/706,181	11/3 /2000
0023-0217	JNP-0368	09/706,182	11/3 /2000
0023-0218	JNP-0369	09/706,297	11/3 /2000
0023-0219	JNP-0370	09/706,296	11/3 /2000
0023-0220	JNP-0371	10/060,792	1 /29/2002
0023-0221	JNP-0372	10/060,525	1 /29/2002
0023-0222	JNP-0373	10/410,619	4 /8 /2003
0023-0223	JNP-0380	10/937,381	9 /10/2004
0023-0226	JNP-0392	10/971,687	10/25/2004
0023-0227	JNP-0391	10/970,735	10/22/2004
0023-0229	JNP-0393	10/985,016	11/10/2004
0023-0230	JNP-0403	10/990,338	11/17/2004
0023-0232	JNP-0402	10/990,347	11/17/2004
0023-0233	JNP-0394	10/988,835	11/16/2004
0023-0234	JNP-0397	10/990,352	11/17/2004
0023-0235	JNP-0396	10/990,349	11/17/2004
0023-0236	JNP-0400	10/984,903	11/10/2004
0023-0237	JNP-0405	10/986,159	11/12/2004